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13M1/0211  
**NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

TOWNESEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, MD 94111-3484

| APPLICATION NO.       | FILING DATE | TOTAL CLAIMS | EXAMINER AND GROUP ART UNIT | DATE MAILED   |  |
|-----------------------|-------------|--------------|-----------------------------|---------------|--|
| 08/466,155            | 06/06/95    | 004          | NAKARANI, D                 | 1316 02/11/96 |  |
| First Named Applicant |             | STEVEN N.    |                             |               |  |

TITLE OF INVENTION: **ARTICULATED CHEMICAL COMPOSITIONS**

| ATTY'S DOCKET NO. | CLASS-SUBCLASS | BATCH NO. | APPLN. TYPE | SMALL ENTITY | FEES DUE | DATE DUE |
|-------------------|----------------|-----------|-------------|--------------|----------|----------|
| 13898-0007-1      | 428-034.100    | A40       | UTILITY     | YES          | \$660.00 | 05/11/96 |

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:

A. If the status is changed, pay twice the amount of the FEE DUE shown and notify the Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.

Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.

If you are charging the ISSUE FEE to your deposit account, section "6b" of Part B should be completed.

III. All communications regarding this application must give application number and batch number.

Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

If the SMALL ENTITY is shown as NO:

A. Pay FEE DUE shown above; or

B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**



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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | S | 1 ATTORNEY DOCKET NO. |
|-----------------|-------------|----------------------|---|-----------------------|
| 08/466,155      | 06/06/95    | BUHL                 |   |                       |

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TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO MD 94111-3484

NAKARANI, T.

| 1-311 | PAPER NUMBER |
|-------|--------------|
|       | 18           |

02/11/98

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

## Notice of Allowability

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Application No.<br><b>08/466,155</b> | Applicant(s)<br><b>Buhl et al</b> |
| Examiner<br><b>D. S. Nakarani</b>    | Group Art Unit<br><b>1316</b>     |

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

This communication is responsive to the request for reconsideration filed February 28, 1997.

The allowed claim(s) is/are 29-32.

The drawings filed on \_\_\_\_\_ are acceptable.

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All  Some\*  None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

Applicant MUST submit NEW FORMAL DRAWINGS

because the originally filed drawings were declared by applicant to be informal.

including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. \_\_\_\_\_.

including changes required by the proposed drawing correction filed on \_\_\_\_\_, which has been approved by the examiner.

including changes required by the attached Examiner's Amendment/Comment.

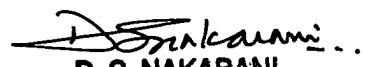
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

### Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s). 9 & 10
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152
- Interview Summary, PTO-413
- Examiner's Amendment/Comment
- Examiner's Comment Regarding Requirement for Deposit of Biological Material
- Examiner's Statement of Reasons for Allowance

  
**D. S. NAKARANI**  
**PRIMARY EXAMINER**

Art Unit: 1316

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jonathan Alan Quine on January 22, 1997.

2. The application has been amended as follows:

Claims 1-28 have been canceled.

Claim 29, line 1, the phrase "capable of dissolving" has been changed to the phrase -- which dissolves --,

Line 2, the word "solution" has been changed to the word -- water --, and

Line 3, after the word "composition", the phrase -- which chemical composition is in bead form having a diameter between 1.5 mm and 10.0 mm -- has been inserted.

3. Receipt of Information Disclosure Statements filed December 9, 1996 and February 28, 1997 acknowledged and all references except non English reference 85155 Romania have been made of record. If applicants are desirous to make this non English reference of record an translation of this reference with PTOL 1449 should be provided to this Office.

Art Unit: 1316

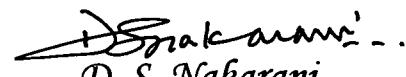
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. S. Nakarani whose telephone number is (703) 308-2413. The examiner can normally be reached on Tuesday through Friday from 7:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Thibodeau, can be reached on (703) 308-2367. The fax phone number for this Group is (703) 305-5436.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-2351.

DSN

January 24, 1998



D. S. Nakarani

**Primary Examiner**